

PATENT

Decket No: 24914-134

CERTIFICATE OF MAILING

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

Applicant:

Stephen J. Yutkowitz

Serial No.:

10/017,021

Group Art Unit:

2121

Filed:

December 14, 2001

Examiner:

Liu, Joshua C.

For:

Method and Apparatus For Tuning Compensation Parameters

TRANSMITTAL OF FORMAL DRAWINGS

ATTN: Official Draftsperson Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

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APR 0 7 2004

Technology Center 2100

Dear Sir:

In accordance with the Examiner's requirement set forth in the Official Action dated December 30, 2003, attached please find formal drawings to be substituted for the originally filed informal drawings in this application. These drawings are substantively identical to the informal drawings originally filed, and no new matter is involved.

Please charge any fees required, and credit any overpayment, to Deposit Account No. 04-1133.

Respectfully submitted,

By:

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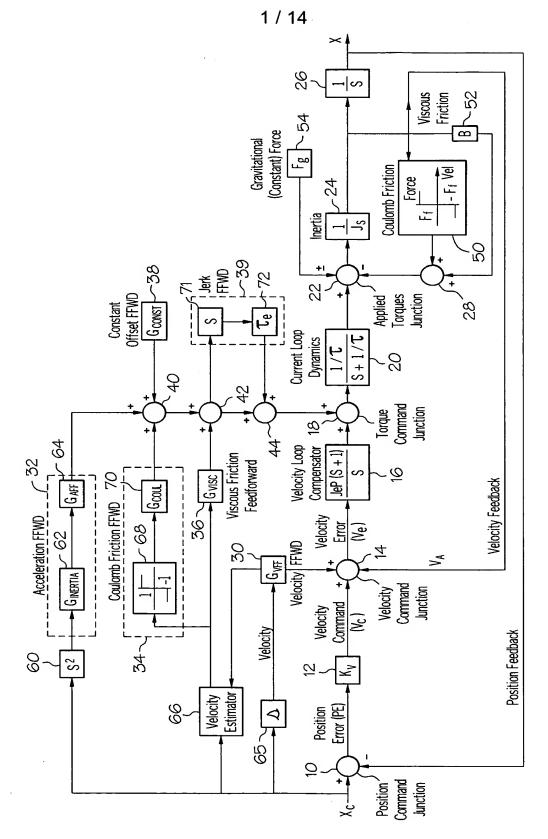


FIG.1



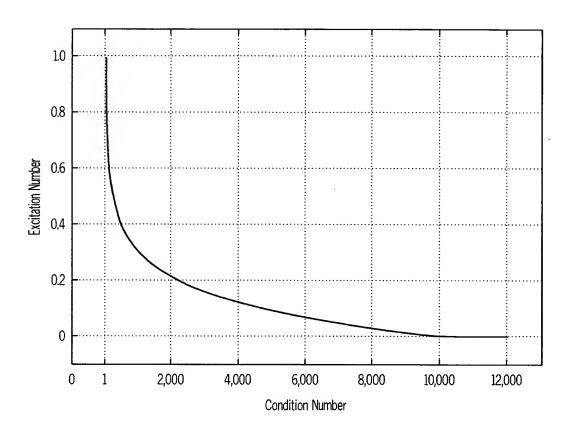


FIG. 2



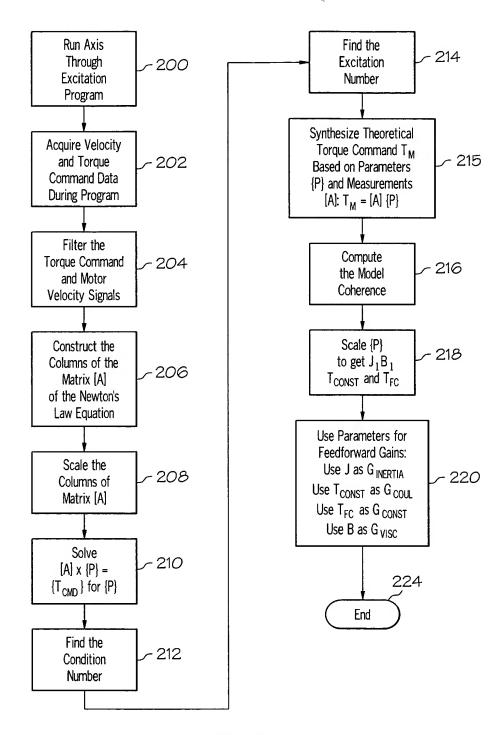
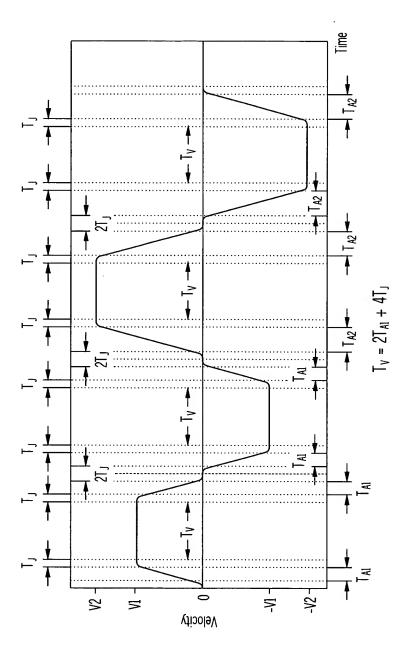


FIG. 3

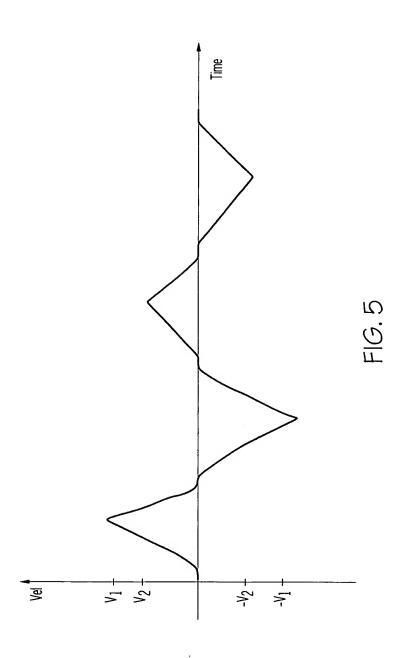




Example of Velocity Command Profile of Excitation Part Program

FIG 4







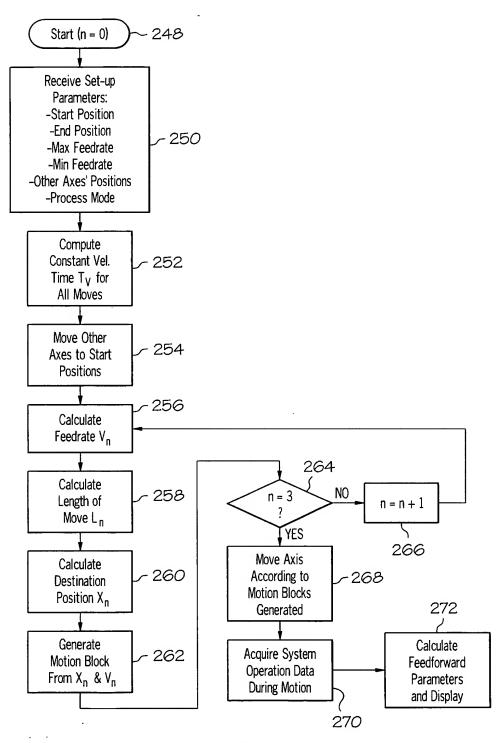


FIG. 6



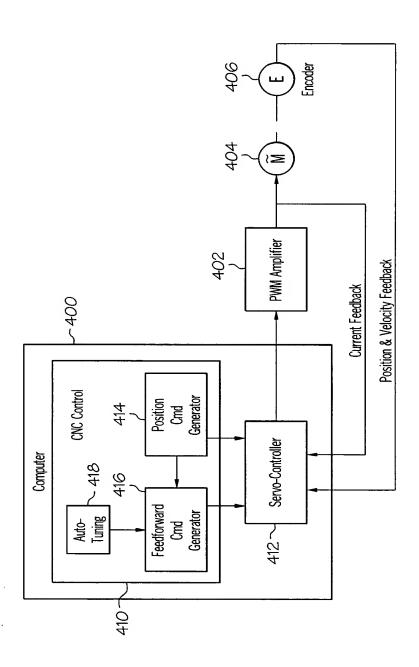


FIG. 7



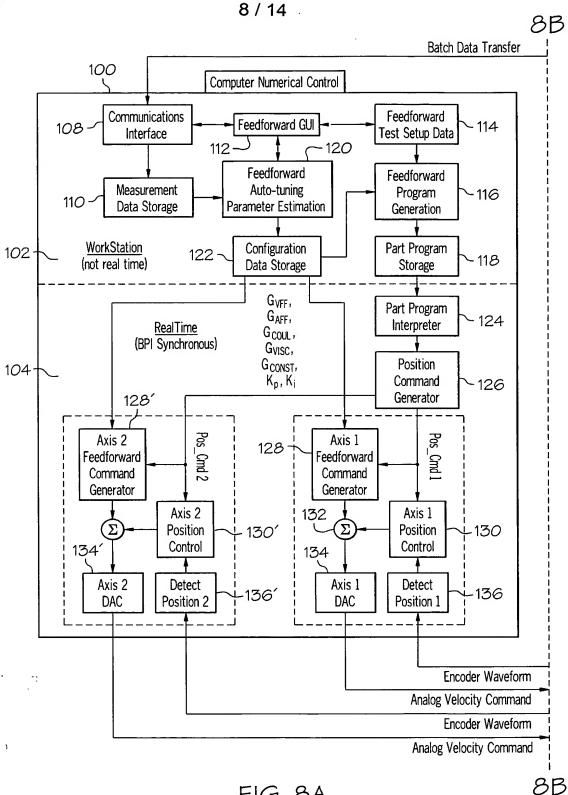


FIG. 8A



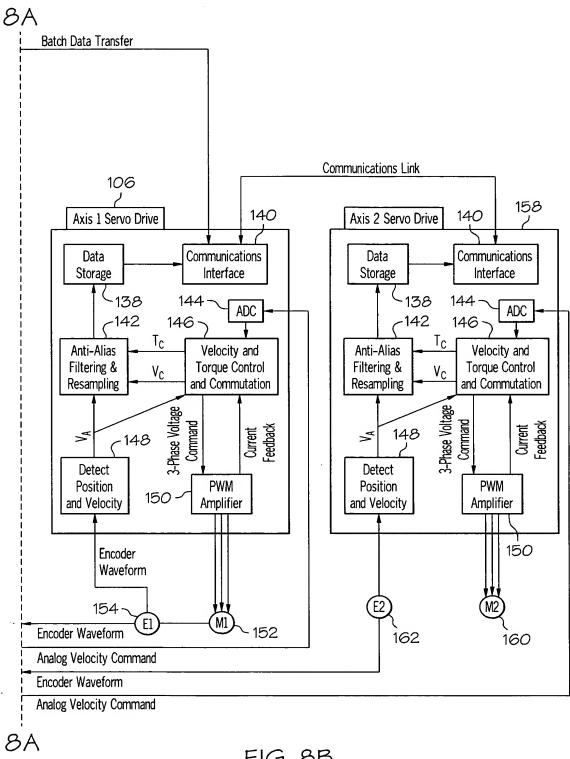


FIG. 8B



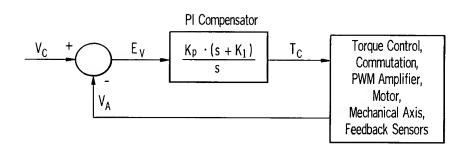


FIG. 9

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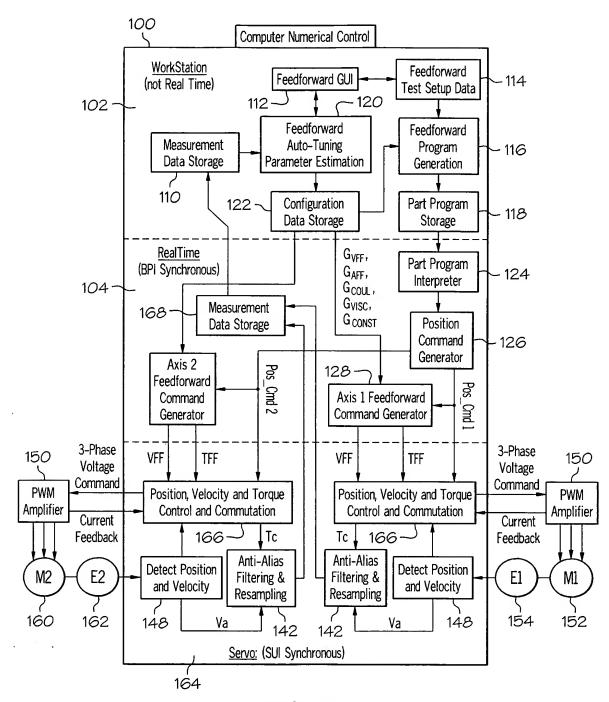
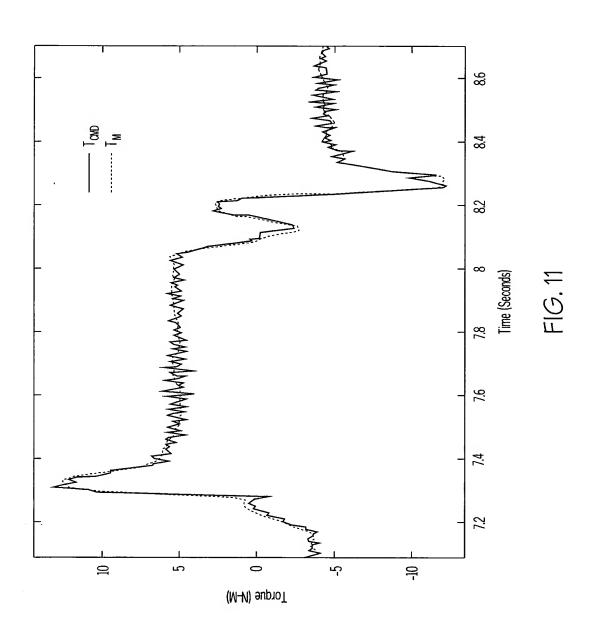


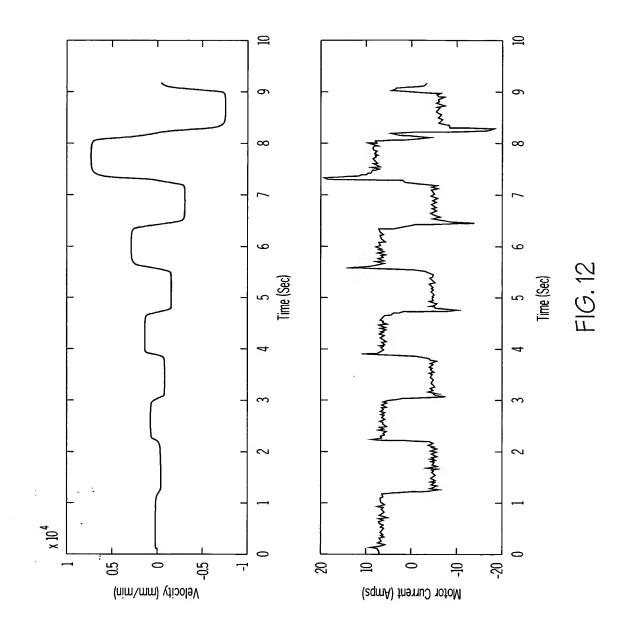
FIG. 10





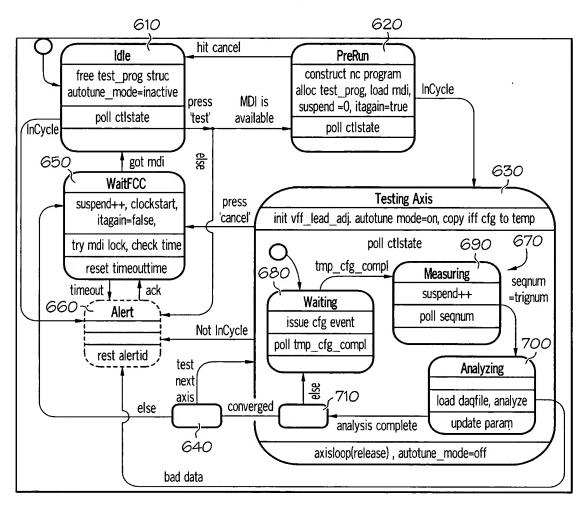
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FIG. 14

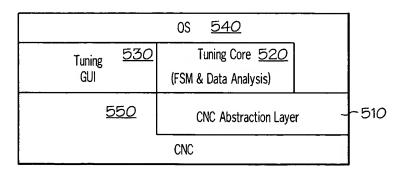


FIG. 13